

### **What is claimed is**

1 . A back-lighted control and protection device for multi-lamp LCD consists of the LCD back-lighted drive circuitry, and the lamp driven by the circuit. High-voltage power supply is generated and drives the lamp to light up so as to illuminate the backplate of the LCD. It comprises:

A sensor unit that can detect the light source of the aforementioned lamp;

A protection circuit connected to the output of the sensor unit receives the signals given by the sensor unit and prevents the drive circuitry from output of any high-voltage power supply.

2 .The back-lighted control and protection device for multi-lamp LCD according to claim 1, wherein said sensor units increase as the number of lamps increases.

3 .The back-lighted control and protection device for multi-lamp LCD according to claim 1, wherein said several sensor units will be jointly connected to a single protection unit.

4 .The back-lighted control and protection device for multi-lamp LCD according to claim 1, wherein said the drive circuitry can be connected to one single lamp.

5 .The back-lighted control and protection device for multi-lamp LCD according to claim 1, wherein said the drive circuitry can be parallel connected to several lamps and each lamp corresponds to one sensor unit and every sensor unit is connected to

the protection unit jointly.

6 .The back-lighted control and protection device for multi-lamp LCD according to claim 1, wherein said the drive circuitry can be series connected to several lamps and the output of each lamp is grounded, every lamp corresponds to the sensor unit and every sensor unit is connected to the protection unit jointly.